

- Sup C3*
16. (New) An alternating current (AC) plasma display panel comprising:
a first substrate and a second substrate, said first substrate and said second substrate disposed facing each other to form a discharge space, and at least one of said first substrate and said second substrate being transparent;
a plurality of display electrodes disposed over said first substrate and arranged in rows, each of said display electrodes comprising a scan electrode and a sustain electrode;
one or more conductors disposed over said first substrate, each of said conductors adjoining a respective one of said display electrodes;
a plurality of data electrodes disposed over said second substrate, said plurality of data electrodes being disposed perpendicular to said display electrodes;
a plurality of phosphors placed along said data electrodes, respectively;
a dielectric layer covering said display electrodes and said conductors; and
a barrier disposed on said dielectric layer such that said barrier extends longitudinally approximately parallel with said conductors.
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17. (New) The AC plasma display panel according to claim 16, wherein each of said conductors is electrically connected to one of said scan electrode and said sustain electrode of a respective one of said display electrodes.

18. (New) The AC plasma display panel according to claim 17, wherein each of said conductors adjoins a respective one of said display electrodes.

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19. (New) The AC plasma display panel according to claim 18, wherein an arrangement order of a conductor and a display electrode in any row of the rows is reverse to an arrangement order of a conductor and a display electrode in a row adjoining the any row.

20. (New) The AC plasma display panel according to claim 16, wherein each of said conductors adjoins a respective one of said display electrodes.

21. (New) The AC plasma display panel according to claim 20, wherein an arrangement order of a conductor and a display electrode in any row is reverse to an arrangement order of a conductor and a display electrode in a row adjoining the any row.

22. (New) The AC plasma display panel according to claim 16, wherein said barrier is disposed between adjacent rows.

23. (New) The AC plasma display panel according to claim 22, wherein said barrier is made of photo-absorptive material.

24. (New) The AC plasma display panel according to claim 16, wherein said display electrodes are arranged so that, when a sustain pulse voltage is applied to said display electrodes, currents run through said conductors in a reverse direction to a current running through said display electrodes.

25. (New) The AC plasma display panel according to claim 16, wherein said conductors are

operable to generate an electromagnetic wave having a polarity that is reverse to a polarity of an electromagnetic wave generated by a current running through a respective one of said display electrodes.

26. (New) An alternating current (AC) plasma display panel comprising:

a first insulating substrate, said first insulating substrate being transparent;
a plurality of display electrodes disposed over said first insulating substrate, each of said display electrodes comprising a scan electrode and a sustain electrode, said display electrodes arranged in a stripe pattern;

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a dielectric layer disposed over said first insulating substrate and covering said display electrodes;

a second insulating substrate disposed facing said first insulating substrate, said second insulating substrate disposed facing said first insulating substrate to form a discharge space;

a plurality of data electrodes disposed over said second insulating substrate and orthogonally to said display electrodes; and

at least one conductor disposed over said first insulating substrate and approximately parallel with said display electrodes,

wherein each said conductor is electrically connected to a respective one of said scan electrode and said sustain electrode.

27. (New) The AC plasma display panel according to claim 26, further comprising a barrier disposed over said dielectric layer and between said display electrodes, said barrier extending

longitudinally approximately parallel with said conductor.

28. (New) The AC plasma display panel according to claim 27, wherein said barrier is made of photo-absorptive material.

29. (New) The AC plasma display panel according to claim 26, wherein said display electrodes are arranged so that, when a sustain pulse voltage is applied to said display electrodes, currents run through said conductor in a reverse direction to a current running through said display electrodes.

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30. (New) The AC plasma display panel according to claim 26, wherein each said conductor is electrically connected between a respective one of said scan electrodes and a driving circuit.

31. (New) The AC plasma display panel according to claim 26, wherein each said conductor is electrically connected between one of said sustain electrodes and a driving circuit.